

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent of:

Johnson *et al.*

Patent. No.: 7,082,171 B1

Issued: July 25, 2006

For: **Phase Shifting Applications of
Universal Frequency Translation**

Confirmation No.: 2387

Art Unit: 2611

Examiner: Odom, Curtis B.

Atty. Docket: 1744.0710005

**Request for Certificate of Correction
Under 37 C.F.R. § 1.322 and 1.323**

Attn: Certificate of Correction Branch

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

It is hereby requested that a Certificate of Correction under 37 C.F.R. §§ 1.322 and 1.323 be issued for the above-captioned United States Patent. This Certificate of Correction is being requested due to mistakes which appear in the printed patent. These mistakes were made by both the U.S. Patent and Trademark Office and by Applicants. The mistakes made by Applicants are of a clerical or typographical nature, or of a minor character. Patentees submit that correction of these errors does not introduce new matter.

Specifically, the printed patent contains the following errors for which a Certificate of Correction is respectfully requested:

PTO Errors

In Section (56), References Cited, a number of references that were cited and considered are missing. The specific references are those that were listed in the following Information Disclosure Statement PTO-1449 forms:

- Fifth Supplemental Information Disclosure Statement, filed April 8, 2005 (page 1 only).
- Sixth Supplemental Information Disclosure Statement, filed June 28, 2005.
- Seventh Supplemental Information Disclosure Statement, filed August 5, 2005.
- Eighth Supplemental Information Disclosure Statement, filed October 19, 2005.
- Ninth Supplemental Information Disclosure Statement, filed November 14, 2005.

Copies of the Examiner-initialed PTO-1449 forms are located in the file-wrapper, however, they are being provided as the enclosed Exhibit A for the convenience of the Examiner.

Applicant Error

At column 76, line 14, the word "shape" should be deleted. This word was intended to be deleted in the amendment filed March 25, 2005. For example, the word "shape" was replaced with "envelope" throughout the rest of the claim in the amendment.

Remarks

The above-noted corrections do not involve such changes in the patent as would constitute new matter or would require reexamination.

A completed Form PTO/SB/44 accompanies this request, with the above-noted corrections printed thereon. Accordingly, a Certificate of Correction is believed proper and issuance thereof is respectfully requested.

This request is accompanied by payment of the fee set forth in 37 C.F.R. § 1.20(a). Fee payment is provided in the attached Credit Card Payment Form (PTO-2038). The Commissioner is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Jeffrey T. Helvey
Attorney for Patentees
Registration No. 44,757

Date: 218107

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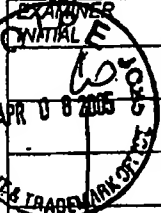
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Exhibit A

FORM PTO-1449

FIFTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1744.0710005APPLICATION NO.
09/590,955INVENTORS
Johnson *et al.*FILING DATE
June 9, 2000ART UNIT
2387

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOC. REF. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
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|  | AA59 | 6,813,485 B2 | 11/2004 | Sorrells <i>et al.</i> | | | |
| | AB59 | 5,410,270 | 04/1995 | Rybicki <i>et al.</i> | | | |
| | AC59 | 6,509,777 B2 | 01/2003 | Razavi <i>et al.</i> | | | |
| | AD59 | 5,982,329 | 11/1999 | Pittman <i>et al.</i> | | | |
| | AE59 | 6,208,636 B1 | 03/2001 | Tawil <i>et al.</i> | | | |
| | AF59 | 6,836,650 B2 | 12/2004 | Sorrells <i>et al.</i> | | | |
| | AG59 | 5,844,868 | 12/1998 | Takahashi <i>et al.</i> | | | |
| | AH59 | 6,385,439 B1 | 05/2002 | Hellberg | | | |
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FOREIGN PATENT DOCUMENTS

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|---------------------|--------------|-----------------|------|---------|-------|-----------|-------------|
| | AJ | | | | | | Yes No |
| | AK | | | | | | Yes No |
| | AL | | | | | | Yes No |
| | AM | | | | | | Yes No |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

| EXAMINER INITIAL | DOC. REF. | CITATION |
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EXAMINER

Curtis Odum

DATE CONSIDERED

4/22/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

ATTY. DOCKET NO.

1744.0710005

APPLICATION NO.

09/590,955

**SIXTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**

INVENTORS

Johnson *et al.*

FILING DATE

June 9, 2000

ART UNIT

2387

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOC. REF. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|--------------|-----------------|---------|------------------------|-------|-----------|-------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| CP | AD61 | 6,057,714 | 05/2000 | Andrys <i>et al.</i> | X | X | |
| CO | AE61 | 2003/0081781 A1 | 05/2003 | Jensen <i>et al.</i> | | | |
| CP | AF61 | 5,994,689 | 11/1999 | Charrier | | | |
| CO | AG61 | 6,512,544 B1 | 01/2003 | Merrill <i>et al.</i> | | | |
| CO | AH61 | 6,628,328 B1 | 09/2003 | Yokouchi <i>et al.</i> | | | |
| CO | AI61 | 6,801,253 B1 | 10/2004 | Yonemoto <i>et al.</i> | | | |

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|---------------------|--------------|-----------------|------|---------|-------|-----------|-------------|
| | AJ | | | | | | Yes No |
| | AK | | | | | | Yes No |
| | AL | | | | | | Yes No |
| | AM | | | | | | Yes No |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

| EXAMINER INITIAL | DOC. REF. | CITATION |
|---------------------|--------------|--|
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| | AP | |
| CO | AQ59 | Hellwarth, G.A. and Jones, G.D, "Automatic Conditioning of Speech Signals," <i>IEEE Transactions on Audio and Electroacoustics</i> , Vol. AU-16, No. 2, pp. 169-179 (June 1968). |
| | AR | |

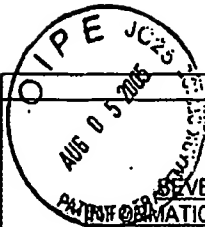
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Curtis Oden

DATE CONSIDERED

1/5/04

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FORM PTO-1449

ATTY. DOCKET NO.
1744.0710005APPLICATION NO.
09/590,955FIRST NAMED INVENTOR
Martin R. JohnsonFILING DATE
June 9, 2000ART UNIT
2634SEVENTH SUPPLEMENTAL
PATENT INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS

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|---------------------|--------------|-----------------|---------|--------------------------|-------|-----------|-------------|
| CO | AA62 | 6,879,817 B1 | 04/2005 | Sorrells <i>et al.</i> | | | |
| CO | AB62 | 3,737,778 | 06/1973 | Van Gerwen <i>et al.</i> | | | |
| CO | AC62 | 4,286,283 | 08/1981 | Clemens | | | |
| CO | AD62 | 4,241,451 | 12/1980 | Maixner <i>et al.</i> | | | |
| CO | AE62 | 5,014,130 | 05/1991 | Heister <i>et al.</i> | | | |
| CO | AF62 | 5,390,215 | 02/1995 | Anita <i>et al.</i> | | | |
| CO | AG62 | 5,805,460 | 09/1998 | Greene <i>et al.</i> | | | |
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| | AJ | | | | | | Yes No |
| | AK | | | | | | Yes No |
| | AL | | | | | | Yes No |
| CO | AM23 | DE 692 21 098 T2 | 01/1998 | DE | | | No |

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| | AN | |
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| CO | AR59 | English Abstract for German Patent No. DE 692 21 098 T2, 1 page, data supplied from the espacenet. |

EXAMINER *Curfis Odom*DATE CONSIDERED *1/5/04*

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FORM PTO-1449

ATTY. DOCKET NO.

1744.0710005

APPLICATION NO.

09/590,955

**EIGHTH SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**

FIRST NAMED INVENTOR

Martin R. Johnson

FILING DATE

June 9, 2000

ART UNIT

2634

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOC. REF. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
|---------------------|--------------|-----------------|---------|---------------------|-------|-----------|-------------|
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| | AG | | | | | | |
| CP | AH62 | 6,882,194 B2 | 04/2005 | Belot <i>et al.</i> | ✓ | ✓ | |
| CL | AI62 | 6,892,062 B2 | 05/2005 | Lee <i>et al.</i> | ✓ | ✓ | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | DOC. REF. | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
|---------------------|--------------|-----------------|------|---------|-------|-----------|-------------|
| | AJ | | | | | | Yes No |
| | AK | | | | | | Yes No |
| | AL | | | | | | Yes No |
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| FORM PTO-1449 EIGHTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT | | | | ATTY. DOCKET NO. 1744.0710005 | | APPLICATION NO. 09/590,955 | |
| | | | | FIRST NAMED INVENTOR Martin R. Johnson | | | |
| | | | | FILING DATE June 9, 2000 | | ART UNIT 2634 | |

Page 2 of 2
 OCT 19 2005
 PATENT & TRADEMARK OFFICE

| U.S. PATENT DOCUMENTS | | | | | | | |
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| CP | AA63 | 6,917,796 B2 | 07/2005 | Setty <i>et al.</i> | | | |
| CP | AB63 | 6,920,311 B2 | 07/2005 | Rofougaran <i>et al.</i> | | | |
| CP | AC63 | 5,062,122 | 10/1991 | Pham <i>et al.</i> | | | |
| CP | AD63 | 6,182,011 B1 | 01/2001 | Ward | | | |
| CP | AE63 | 6,639,939 B1 | 10/2003 | Naden <i>et al.</i> | | | |
| CP | AF63 | 5,787,125 | 07/1998 | Mittel | | | |
| CP | AG63 | 5,878,088 | 03/1999 | Knutson <i>et al.</i> | | | |
| CP | AH63 | 6,215,828 | 04/2001 | Signell <i>et al.</i> | | | |
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| EXAMINER <u>Curtis Olson</u> | DATE CONSIDERED <u>1/5/04</u> |
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FORM PTO-1449

NINTH SUPPLEMENTAL
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DATE CONSIDERED

11/5/04

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FORM PTO-1449

ATTY. DOCKET NO.
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09/590,955

NINTH SUPPLEMENTAL

INFORMATION DISCLOSURE STATEMENT

FIRST NAMED INVENTOR
Martin R. JohnsonFILING DATE
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| CP | AA64 | 5,887,001 | 03/1999 | Russell | | | |
| CO | AB64 | 6,298,065 B1 | 10/2001 | Dombkowski <i>et al.</i> | | | |
| CO | AC64 | 2002/0080728 A1 | 06/2002 | Sugar <i>et al.</i> | | | |
| CP | AD64 | 2002/0163921 A1 | 11/2002 | Ethridge <i>et al.</i> | | | |
| CO | AE64 | 6,963,734 B2 | 11/2005 | Sorrells <i>et al.</i> | | | |
| CP | AF64 | 6,005,506 | 12/1999 | Bazarjani <i>et al.</i> | | | |
| CO | AG64 | 6,438,366 B1 | 08/2002 | Lindfors <i>et al.</i> | | | |
| CO | AH64 | 2001/0015673 A1 | 08/2001 | Yamashita <i>et al.</i> | | | |
| CO | AI64 | 2003/0045263 A1 | 03/2003 | Wakayama <i>et al.</i> | | | |

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| CP | AC65 | 6,404,823 B1 | 06/2002 | Grange et al. | | | |
| | AD65 | 6,618,579 B1 | 09/2003 | Smith et al. | | | |
| | AE | | | | | | |
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